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11/09/98  
JC525 U.S. PTO

Patent Application  
Docket No. 34648-415

JC511 U.S. PTO  
09/189099  
11/09/98

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

Benny Ritzén and Patrik Cerwall

For: CELLULAR COMMUNICATIONS NETWORK AND METHOD  
FOR DYNAMICALLY CHANGING THE SIZE OF A CELL DUE  
TO SPEECH QUALITY

Box Patent Application  
Assistant Commissioner  
for Patents  
Washington, D.C. 20231

"EXPRESS MAIL" Mailing Label No. EL123354171US

Date of Deposit November 9, 1998

Sir:

**PATENT APPLICATION TRANSMITTAL LETTER**

Transmitted herewith for filing, please find the following:

- X Specification, claims and abstract of the above-referenced patent application (total of 46 pages)
- X Four (4) sheet(s) of drawing(s) (   formal/ X informal).
- X Combined Declaration and Power of Attorney (   signed X unsigned).
- X An Assignment of the invention to: Telefonaktiebolaget L M Ericsson publ (   signed X unsigned).
- A verified statement claiming small entity status under 37 CFR 1.9 and 1.27.
- X Information Disclosure Statement, including PTO Form 1449 with references

The filing fee has been calculated as shown below:

FOR: LARGE ENTITY	NO. FILED	NO. EXTRA	RATE	FEE
BASIC FEE				\$790
TOTAL CLAIMS	27	7	\$22	\$ 154
INDEPENDENT CLAIMS	3		\$82	
MULTIPLE DEPENDENT CLAIM(S) PRESENTED			\$260	\$ _____
TOTAL FEE:				\$ 944.00

— Please charge my Deposit Account No. 10-0447 in the amount of \$\_\_\_\_. This sheet is attached in duplicate.

X A check in the amount of \$ 944.00 is attached. Please charge any deficiency or credit any overpayment to Deposit Account No. 10-0447.

X The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 10-0447 This sheet is attached in triplicate.

X Any additional filing fees required under 37 CFR 1.16 including fees for presentation of extra claims.

— Any additional patent application processing fees under 37 CFR 1.17 and under 37 CFR 1.20(d).

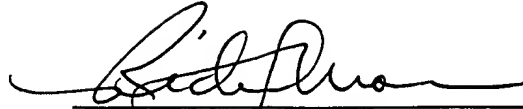
— The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 10-0447. This sheet is attached in duplicate.

— Any patent application processing fees under 37 CFR 1.17 and under 37 CFR 1.20(d).

— The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b).

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— Any filing fees under 37 CFR 1.16 including fees for presentation of extra claims.



Richard J. Moura  
Registration No. 34,883

JENKENS & GILCHRIST  
1445 Ross Avenue, Suite 3200  
Dallas, Texas 75202-2799  
214/855-4709

SECRET

ASSIGNMENT

WHEREAS, I, Benny Ritzèn and Patrik Cerwall, have invented certain new and useful improvements in the following:

CELLULAR COMMUNICATIONS NETWORK AND METHOD FOR DYNAMICALLY  
CHANGING THE SIZE OF A CELL DUE TO SPEECH QUALITY

for which I have made application for United States Letters Patent, the said application having been executed by me on

\_\_\_\_\_;

WHEREAS, TELEFONAKTIEBOLAGET L M ERICSSON (publ), a corporation organized and existing under the laws of Sweden, having its principal place of business at S-126 25 Stockholm, Sweden (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I do hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives my entire right, title and interest in and to said invention and in and to said applications and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, continuation-in-part, continued prosecution applications and extensions thereof; and I hereby

authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to the said ASSIGNEE of my entire right, title and interest.

I also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said applications throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and

I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

I hereby further agree that I will communicate to said ASSIGNEE, or its successors, assigns and legal representatives, any facts known to me respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, continued prosecution applications, reissue and substitute applications, make all lawful oaths, and generally do

everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

I further authorize and direct our attorneys to insert below\* the serial number and filing date of said application now identified as Case Docket No. 34648-415 as soon as the same shall have been made known to them by the United States Patent Office.

\*Serial Number:

Filing Date: November 9, 1998

IN WITNESS WHEREOF, I have hereunto set hand and seal this  
\_\_\_ day of \_\_\_, 1998.

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Benny Ritzèn  
Rålambsvägen 50  
SE-112 56 Stockholm  
Sweden

On the \_\_\_ day of \_\_\_, 1998, before us personally appeared Benny Ritzèn, to us known and known to us to be the individual named in and who executed the foregoing instrument, and acknowledged that he executed the same.

Name	Address

IN WITNESS WHEREOF, I have hereunto set my hand and seal this  
\_\_\_\_ day of \_\_\_\_\_, 1998.

\_\_\_\_\_  
Patrik Cerwall  
Granängsringen 44  
SE-135 44 Tyresö  
Sweden

On the \_\_\_\_ day of \_\_\_\_\_, 1998, before us personally  
appeared Patrik Cerwall, to us known and known to us to be the  
individual named in and who executed the foregoing instrument, and  
acknowledged that he executed the same.

\_\_\_\_\_  
Name Address

\_\_\_\_\_  
Name Address